

Malacnivola July 9th 1864

My dear Mr. Barber

At last and under much
difficiency I have got together a set of my Herbs
as I promised you at your rooms. I intended to
have laid them all out before you as at usual and
then but want of time forbids at present (This confound
office keeps me hot) I have done the next best thing having
set off duplicates of exactly the same forms numbered
them and moving one for myself and the other to
you. Be careful not to let any of the numbers mis-
placed run the stems through each of them so that
we may conveniently each other in the "good time coming"
I don't pretend to say that these numbers represent species
or even varieties but they show the contents of my Herb
in undeteriorated materials (Just I forget there is a fragment
of *Cottocotula corrugata* among the *Andropogon* which I do not
remember to have labelled) Perhaps we had better keep Ell's
name "*Andropogon vaginatus*" although the specimen in Herb. Torr.
and his description clearly refer to a form of *A. Virginicus*, but
I suspect his Herb. contains the real thing (Vide Curtis & Knuts
Malmquist) I had called it *A. grassacum*: *A. densiflorus*
Ell ("Common Iron-rap") and probably Michx., as he has no *A.*
Virginicus, is the I take it *A. Virginicus* Linn. *A. tetrasperma*
Ell & Curtis appears to be the same thing, but is not what I

mean in "Ara. A. argentea" etc we all mean being the
my maurou one of this group. This settles Elliott's hash
Now there other forms hereabouts. The ordinary form of
A. Maurou, we all mean, but there is a form with long-
pedicelled spikes - one smooth all over with scattered spikes, and
the ^{var} glaucopsis etc. This seems strongly to equate to what I call
A. stenophyllus, (A. gracilis Carpenter) & also to glaucous forms
of A. Virginicus. But all these have few-flowered spikes (8-12) a
character more constant than one would suppose

There are three more A. lanthostachyus (A. tetra-stach. Ch. Fl.)
A. longipes, A. tetra-stach. var distachyus, Ch. Fl.) and a species
in Gray's Herb (A. brachystachyus Ch. ind.) from East Florida (Suckley)
Now how are we to characterize these things. I'll be puzzled
by I mean. There is a difference in the thickness and comparative
length of the pedicel of the single flower & the joints of the rachis
of the color ^{& variety} of the wool & size of flower. If these were constant
they are hardly expressible. The presence of an awn-like plume
at top of the pedicel is simply moon-shine and it will be
unsatisfactory to rely on characters derived from culm leaves etc.
As far as at present advised we are in a nice fix
The Panicums you have carefully revised. Still I am
rather disposed to pick out of P. dichot. some of the forms
P. villosum, Ell. is one of these "spikes 1-fl." etc) and is also P. angust-
ifolium Ell. (vide Herb. Torr.) as late form or state. What I allude to
under P. dichot. as var nitidum is another (P. purpureum Ch. ind.)
P. laxiflorum, Lam. (P. pubescens, Ell. P. ciliatum Scribn.) seems distinct
So does P. nervosum, Blake. Nos 11 to 17, ^{& no 18} inclusive, I think belong
to one species. Nos 25, 26, 27 to another. No 18, 19, 20 to another

No. 5, 24, 23 to another. The others seem to be unlike
Ansted's I have not critically examined of late but have
numbered them for future reference

Now I have given you material for many an unemployed
moment in that cosy little room of yours & await
with some impatience what you have to say.

Please present my greetings to Dr Toney, & tell him
I have no Cynanchum scoparium to send him my supply except
what is glued down being exhausted. But we are distick
Preisbeck in N. Ind Orient. having given it a habitatio & a
name (g.v.)

You will please I send you nothing but "males". Do
you want anything else? Did you get my Photographs
from Fontayne for yourself & Toney? If so send me
yours. Those to be sent to me have not reached me
and I must ascertain what has become of them.

I have concluded to put into the package some seeds
of Do Gray. Will you have the kindness to send
them to him safely, and by the same steamer "Linda"
I will write him. We have no reconstructed Mail to
this place but letters to be mailed in New York find
their way here somehow sooner or later

In the hope of hearing from you often I remain
Very truly yours
L. J. Chapman